

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** QD™ Contact Cleaner - Aerosol

**Product Number (s):** 02130, 72130, 82130

Manufactured By: CRC Industries, Inc. (215) 674-4300  
885 Louis Drive, Warminster, PA 18974  
24-Hour Emergency Information: CHEMTREC (800) 424-9300

## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Methanol	67-56-1	200 ppm	200 ppm	NE	< 1
n-Hexane	110-54-3	50 ppm	50 ppm	NE	4 - 7
Isohexanes	107-83-5	500 ppm	500 ppm	NE	75 - 85
Carbon Dioxide	124-38-9	5000 ppm	10000 ppm	NE	3 - 6
Petroleum Distillate	64741-66-8	NE	NE	300 ppm	5 - 10

## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Clear liquid with alcohol odor.

Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Contents Under Pressure.

### Potential Health Effects:

Inhalation: Irritation of respiratory tract, dizziness, headaches and central nervous system depression.  
Eyes: Irritation  
Skin: Irritation  
Ingestion: Gastrointestinal discomfort

Carcinogenicity: OSHA:No IARC: No NTP: No

Chronic Overexposure: Repeated overexposure may cause harm to the nervous system.

Medical Conditions Aggravated by Exposure: Pre-existing lung disorders.

## Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.  
Eyes: Flush with large amounts of water for 15 minutes.  
Skin: Remove contaminated clothing and wash area with soap and water.  
Ingestion: Call a physician. Do not induce vomiting.

## Section 5: Fire-Fighting Measures

Flashpoint:	<0 °F	Method:	TCC	LEL:	1.7	UEL:	9.0
Extinguishing Media:	CO <sub>2</sub> , dry chemical and foam						
Hazardous Combustion Products:	Thermal - carbon monoxide and carbon dioxide						
Fire-fighting Instructions:	Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120°F.						

NFPA:	Health:	1	Flammability:	3	Reactivity:	0	
HMIS:	Health:	1	Flammability:	3	Reactivity:	0	PPE: B

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#### Section 6: Accidental Release Measures

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

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#### Section 7: Handling and Storage

Handling Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding.

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#### Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Not required under normal conditions of use where adequate ventilation is available. In low circulation areas where PEL's may be exceeded, use NIOSH/MSHA compliant cartridge respirators with organic vapor cartridges. In confined spaces, use self-contained breathing apparatus. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves, such as Nitrile or PVC, and safety glasses. Use a splash apron and boots if splashing occurs.

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#### Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Clear liquid, alcohol odor.
Specific Gravity:	0.6699	Boiling Point:	141°F
Freezing Point:	<0 °F	Vapor Pressure:	ND
Evaporation Rate:	>1 (butyl acetate=1)	Vapor Density (air = 1)	> 1
pH:	NA	Solubility:	Negligible solubility in water.
Volatile Organic Compounds %:	95	g/L: 636	lbs./gal: 5.30

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#### Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	Strong oxidizers.		
Hazardous Decomposition Products:	None		

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#### Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

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**Section 12: Ecological Information**

Ecotoxicity: No data available.  
Environmental Fate: No data available for biodegradation.

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**Section 13: Disposal Considerations**

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

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**Section 14: Transportation Information**

Shipping Name: Consumer Commodity  
Hazard Class: ORM-D UN Number: NA Packing Group: NA  
Label: NA Placard: NA  
Special Provisions: NA

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**Section 15: Regulatory Information**

TSCA: All components are either listed under TSCA or are exempt.  
SARA Title III: Section 311/312: Acute, Pressure, Fire  
Section 313\*: n-Hexane, Methanol  
CERCLA/Superfund (RQ): Mixture  
Extremely Hazardous Substances: No  
California Prop 65: No

\* See section 2 for percentage

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**Section 16: Additional Information**

Prepared By: Michelle Rudnick Date: September 6, 2005  
Technical Information: (800) 521-3168 CRC #: 599C

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity